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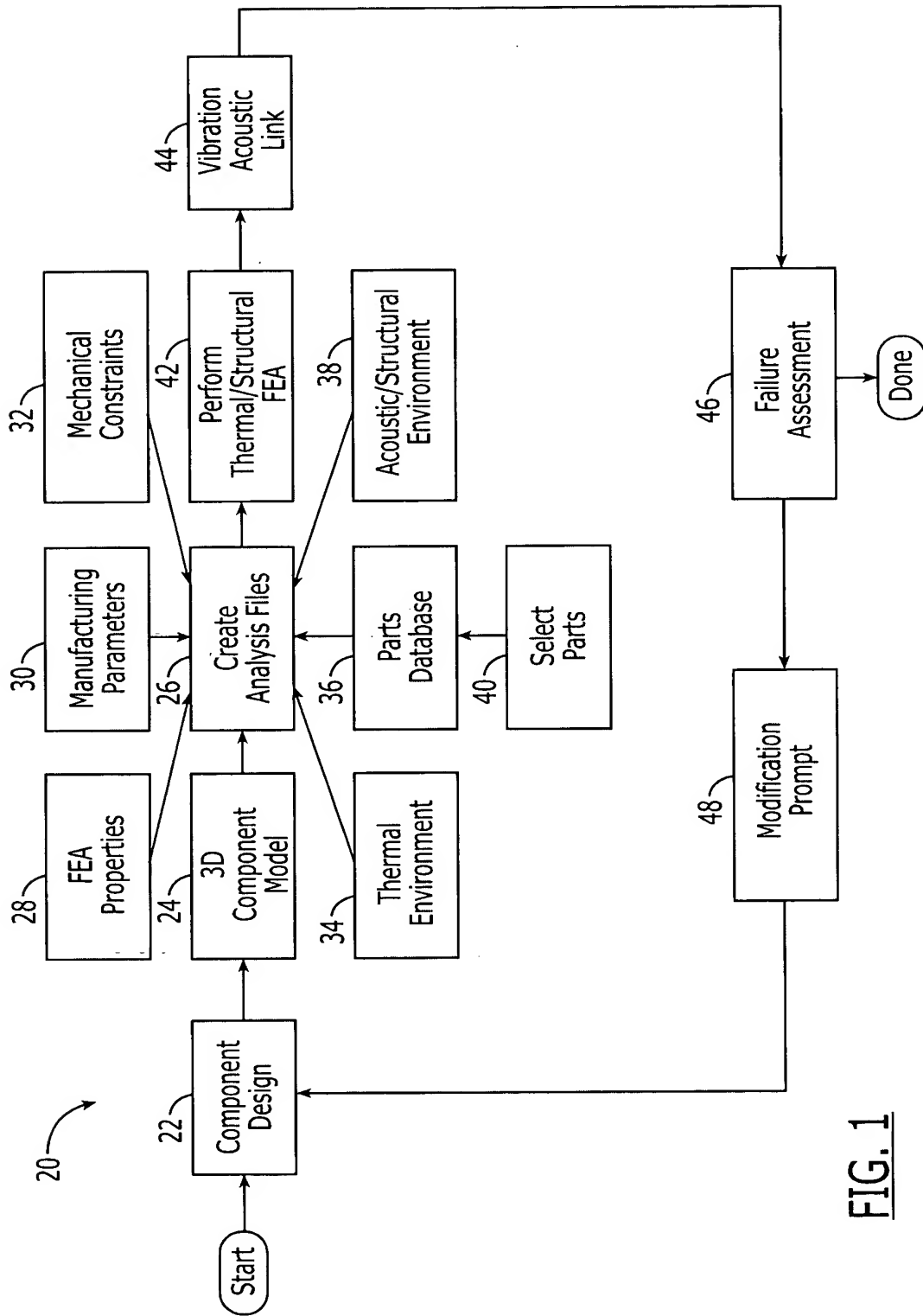


FIG. 1

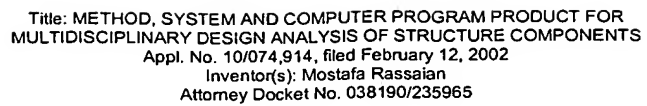
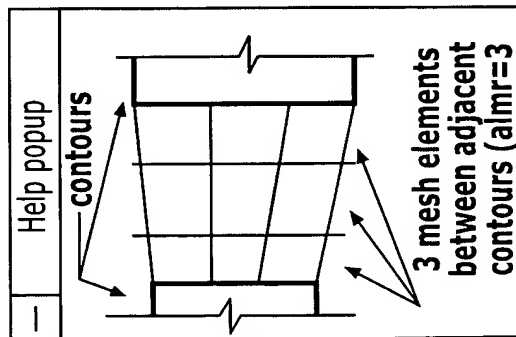


FIG. 2



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Part Geometry		<input type="checkbox"/> Show Help		<input type="checkbox"/> Mesh Properties	
Target Mesh Size (sc)		2.000e-0		<input type="checkbox"/> Material Properties	
Minimum Component Area (ma)		.07			
<input type="checkbox"/> Use Bounding Boxes instead of Actual Geometry (ue)					
Mesh Geometry		<input type="checkbox"/> Scale Properties to Target Mesh Size			
Number of Subdivisions of Line Segments (1mr)		2			
Number of Mesh Subdivisions between Parallel Lines (almr)		4.000e-0			
Maximum line segment length (fc)		8.000e-0			
Chamfer Threshold (dcc)		4.000e-0			
Minimum Vertices for Contours (polygons) (st)		0			
Minimum Chord Length for Arc Idealization (sc)		2.000e-0			
Parallel Line Discrimination Distance (plmc)		5.000e-0			
Point Discrimination Distance - COVER (sdc)		5.000e-0			
Point Discrimination Distance - PWB (dslc)		4.000e-0			
Mentor Resolution (e)		1.e 5.e			
Adjacent contours within a distance of almr will be considered when constricting the mesh for a contour.					
<input type="button" value="Cancel"/>		<input type="button" value="Apply"/>		<input type="button" value="Reset to Defaults"/>	



Help for selected field

FIG. 3



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	Durability Module	Description	Configuration
	CCC	Leadless chip component	
54	DIO	Planar-diode package	
52	IND	Inductor feedthrough foil	
58	Hybrid-GW	Gull wing	
	Hybrid-SGW	Spider gull wing	
56	L-lead	L-leaded component	
	J-lead	J-leaded component	
	PTH	Plated-through-hole component	
59	PBGA	Plastic ball grid arrays	

FIG. 4



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Durability Part Number Table

Part Number	Package Name	Lead Style Name	Lead Material Name
172908-00K	313_BGA_Package_100milpitch		
173332-00P	TII-TSOP-54_10x22mm	HYBRID_002K	CU
173334-11J	pgfp_208_1e	HYBRID_024	CU
173370-00L	360_CBGA_Package		
173446-00K	388_BGA_Package		
280-10020-101	280-10020-101		
280-10025-101	280-10025-101		
280-10025-102	280-10025-102		
280-10025-103	280-10025-103		
280-10025-104	280-10025-104		

Durability Part Number Table

Package Name	Substrate Length	Substrate Width	Balls	Thrm Balls X	Thrm Balls Y
144_BGA_Package	0.512	0.512	144	0	0
144_BGA_Package_ana	0.512	0.512	144	0	0
313_BGA_Package_100milpitch	1.380	1.380	169	0	1
313_BGA_Package_50milpitch	1.380	1.380	625	0	0
324_BGA_Package	0.906	0.906	324	6	6
352_BGA_Package	1.378	1.378	352	0	0
360_CBGA_Package	0.980	0.980	361	0	0
388_BGA_Package	1.378	1.378	388	6	6
Dummy_BGA_Package	0.512	0.512	144	12	12
ird_pbga_225f_025	1.180	1.180	225	0	0

New Copy Delete

OK Reset Cancel

FIG. 5



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Durability Part Number Table									
Part Number	Package Name	Lead Style Name	Lead Material Name						
172908-00K	313_BGA_Package_100milpitch								
173332-00P	TH-TSOP-54_10X22mm	HYBRID_002K	CU						
173334-11J	pgfp_208_1e	HYBRID_024	CU						
173370-00L	360_CPGA_Package								
173446-00K	388_BGA_Package								
280-10020-101	280-10020-101								
280-10025-101	280-10025-101								
280-10025-102	280-10025-102								
280-10025-103	280-10025-103								
280-10025-104	280-10025-104								
280-10025-105	280-10025-105								

Durability Part Number Table										
Lead Style Name	S1	S2	S3	RHO	R1	R2	E	H1	D	S1
900-11695-fig1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HYBRID_001	0.000	-0.030	0.000	0.000	0.000	0.013	0.000	0.047	0.014	0.015
HYBRID_002	0.005	0.080	0.080	0.000	0.750	0.650	0.008	0.008	0.050	0.010
HYBRID_002A	0.020	0.030	-0.035	0.000	0.005	0.005	0.105	0.105	0.026	0.007
HYBRID_002b	0.025	0.030	0.055	0.000	0.005	0.005	0.000	0.057	0.007	0.010
HYBRID_002c	0.010	0.030	0.056	0.000	0.005	0.005	0.000	0.035	0.006	0.006
HYBRID_002d	0.000	0.006	0.021	0.000	0.005	0.005	0.000	0.040	0.018	0.004
HYBRID_002e	0.000	0.006	0.021	0.000	0.001	0.001	0.000	0.050	0.017	0.011
HYBRID_002f	0.016	0.013	0.051	0.000	0.005	0.005	0.000	0.072	0.009	0.004
HYBRID_002g	0.037	0.012	0.071	0.000	0.006	0.006	0.000	0.063	0.012	0.005

FIG. 6



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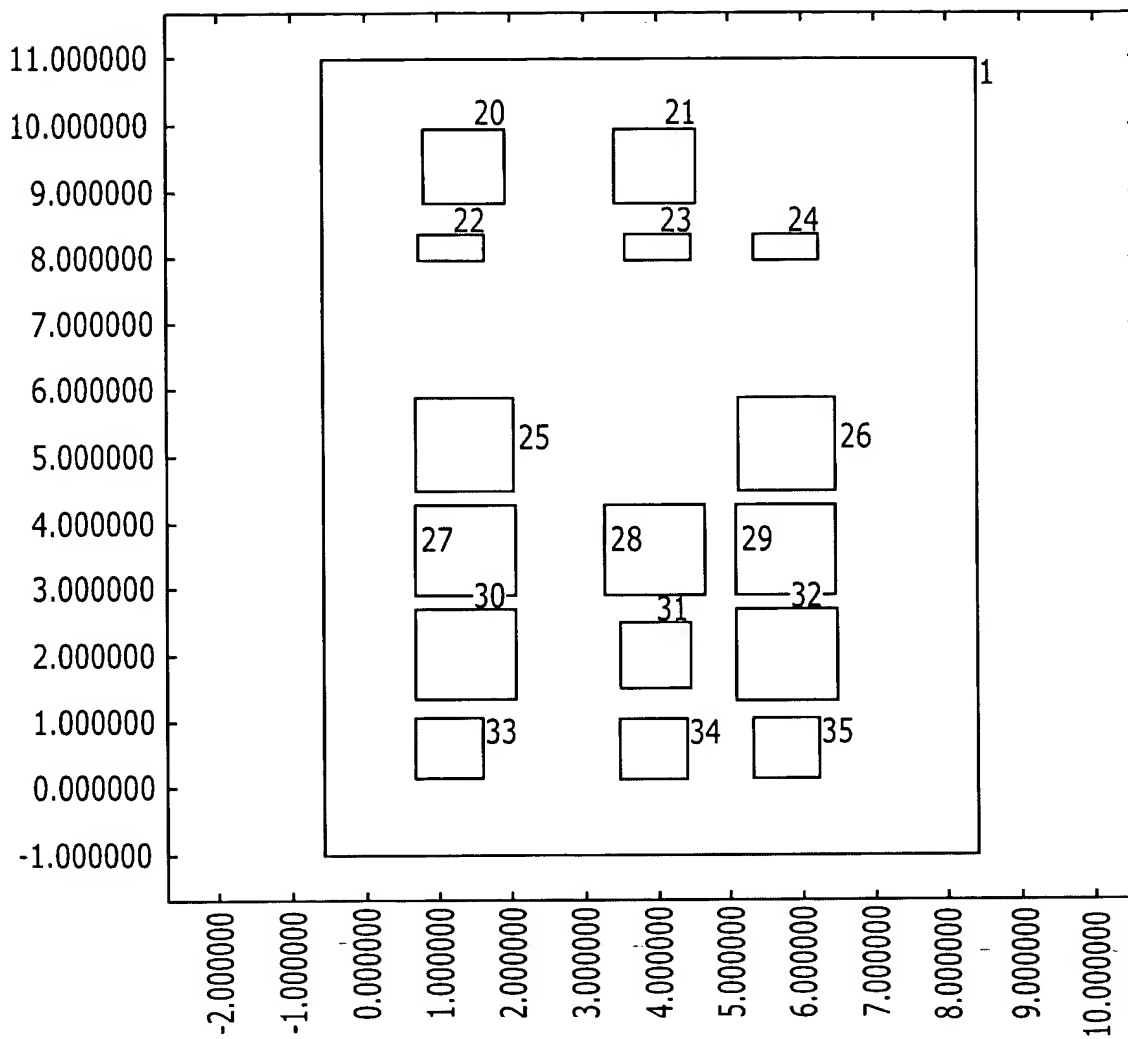


FIG. 8



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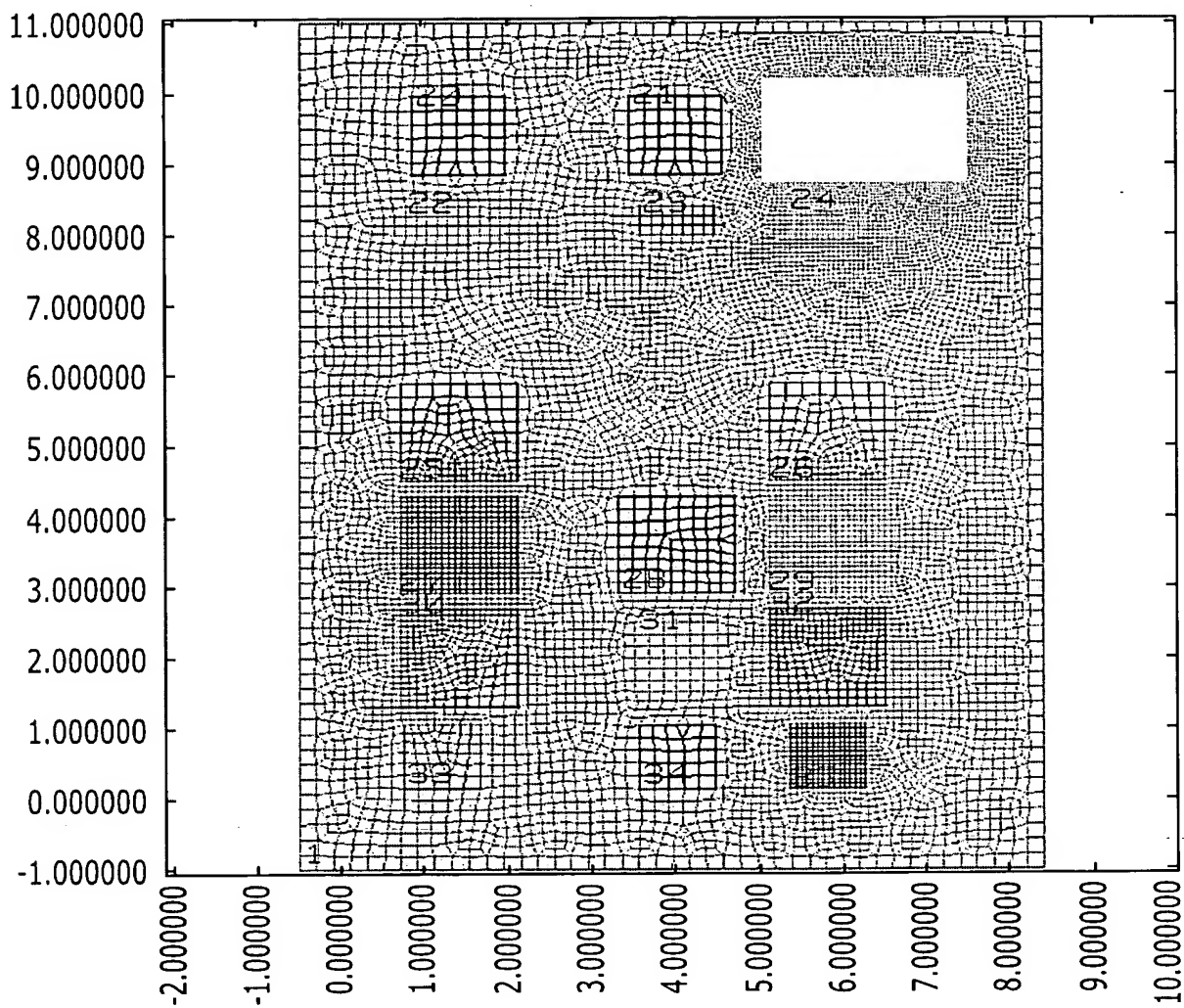


FIG. 9



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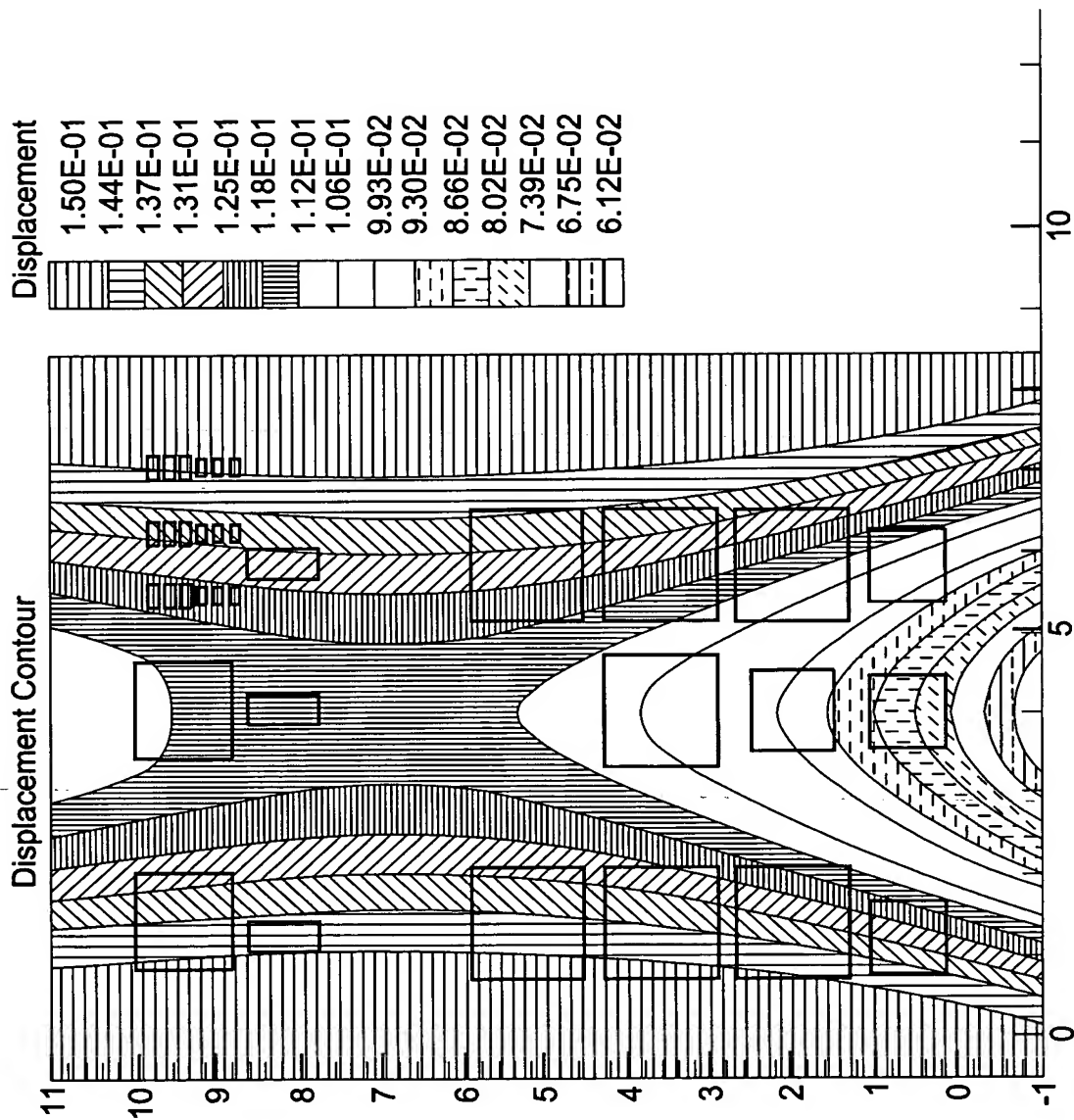
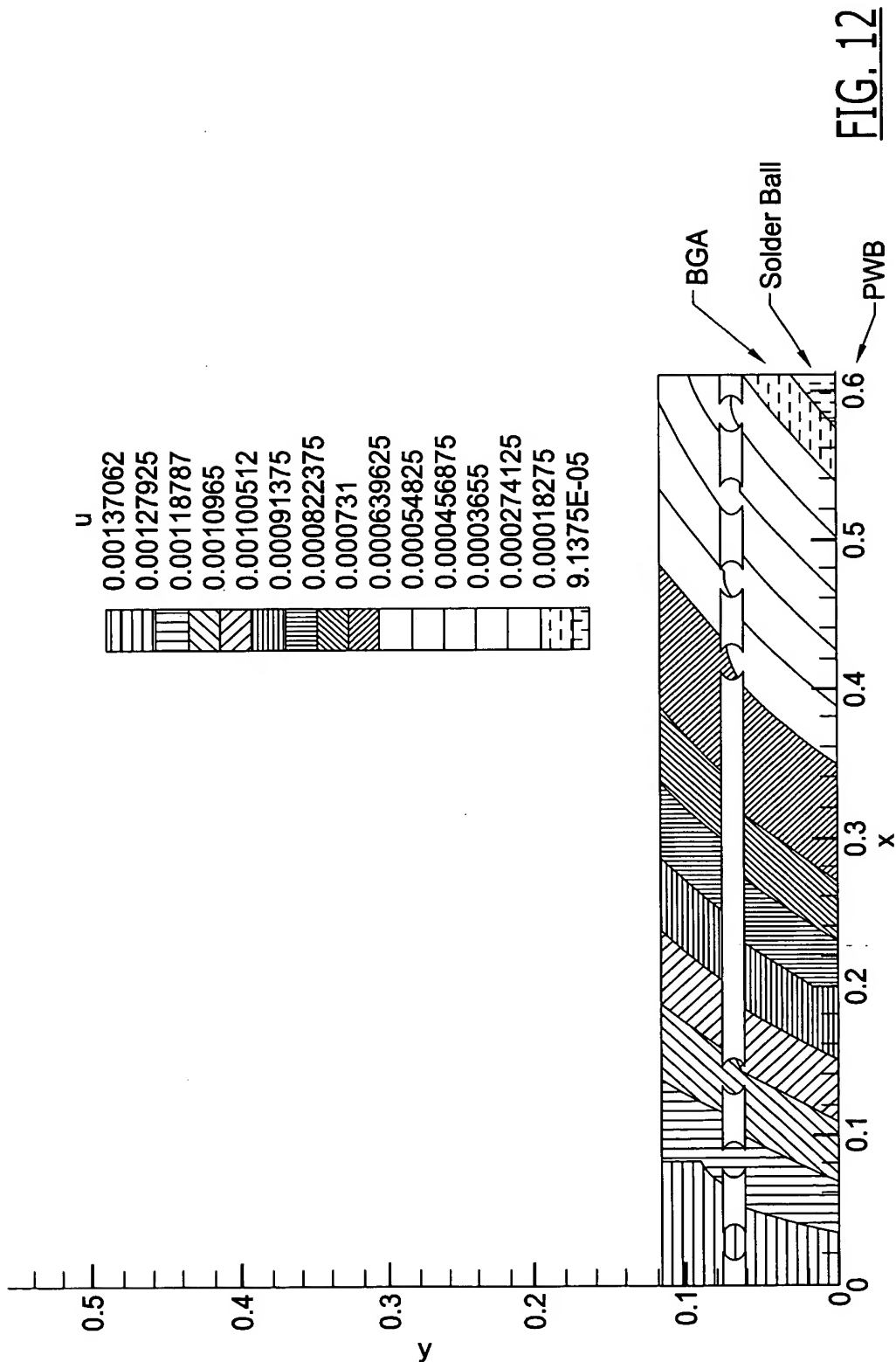


FIG. 11



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